Figure 1

		transmembrane area	
hDPPIV	1	MKTPWKVLLGLIGAÄÄLVTIITVPVVLLNKGTDDATADSRKTYTLTDYLK	50
rDPPIV	1		
IDILIV	_		10
		$\beta 1/1$ $\beta 1/2$ $\beta 1/3$ $\bigvee \beta 1/4$	
hDPPIV	51	NTYRLKLYSLRWISDHEYLYKQENNILVFNAEYGNSSVFLENSTFDEFGH	100
rDPPIV	49	F-V-SV-S	
IDILIV	.,		-
		$\beta 2/1$ $\beta 2/2$ $\beta 2/2a$ $\beta 2/2b$ $\beta 2/3$ $\beta 2/4$	
hDPPIV	101	SINDYSISPDGQFILLEYNYVKQWRHSYTASYDIYDLNKRQLITEERIPN	150
rDPPIV	99		
		•	
		β3/1 β3/2 β3/3 β3/4 β3/4a	
hDPPIV	151	NTQWVTWSPVGHKLAYVWNNDIYVKIEPNLPSYRITWTGKEDIIYNGITD	200
rDPPIV		IQEKHHSNV-FN-	
		\/	
		α2* β4/1 β4/2 Y β1*	
hDPPIV	201	WVYEEEVFSAYSALWWSPNGTFLAYAQFNDT EXPLORAGE SECONOR	250
rDPPIV		I-G	248
		β2* β4/4 α3*	
hDPPIV	251	TVRVPYBKAGAVNETVKFFVVNTDSLSSVTNATSIQITAPASMIGDHYL	300
rDPPIV	249	WIVTT	
		B5/1 β5/2 β5/3 β5/4a β5/4b	
hDPPIV	301	CDVTWATQER15LQWLRRIQNY5VMD1CDYDESSGGWMCGVAHQH1LM5T	350
rDPPIV	299	A-VSEDT-A	348
		[]	
		β6/1 R6/2 β6/3 β6/4	
hDPPIV	351	TGWVGRFRPSEPHETLDGNSFYKLLSNEEGYRHLCYFQIDKKDCTFL	397
rDPPIV	349	CASSV-DKDKQK-R-PEQV	398
		070 070	
		$\beta 7/2$ $\beta 7/3$ $\beta 7/4$	
hDPPIV	398	TKGTWEVIGIEALTSDYLYYISNEYKGMPGGRNLYKIQLSDYTKVTCLSC	447
rDPPIV.	399	ASET-H-NKK	448
		β8/1 β8/2 β8/3 β8/4	
hDPPIV		ELNPERCQYYSVSFSKEAKYYQLRCSGPGLPLYTLHSSVNDKGLRVLEDN	
rDPPIV	449	D	498
		α4* β1 β2 β3	
hDPPIV		SALDKMLQNVQMPSKKLDFIIL.NETKFWYQMILPPHFDKSKKYPLLLDV	
rDPPIV		DVRI	
POP	430	KGIDASDYQTVQIFYPSKDGTKJPMFTVHKKGIKLDGGHPAFLYG	472
		αΑ β4 αΒ'	
hDPPIV		WAGPCSQKADTVFRL.NASTENIIVASFDGRGSGYQGDKIMHAI.	
rDPPIV	548	AA	595

_ POP	473 KGGFNISITPNYSVSRLIFVRHMGGVLAVANIRGGGEYGETWHKGGI 5	19
	αΒ β5' β5 α C	
, hDPPIV	595 NRRLGTFEVEDQIEAARQFSKMGFVDNKRIAIWGWEYGGYVTSMVLGSGS 64	44
rDPPIV	596 -KL	45
. POP	520 LAN.KQNCFDDFQCAAEYLIKEGYTSPKRLTINGGENGGLLVATCANQRP 5	68
	S-S- with C762 and	
hDPPIV	645 GVFKCGIAVAPVSRWEYYDSVILLLYMGLPTPEDNLDHYRNSTVM 68	39
rDPPIV	646 69	90
POP	569 DLFGCVIAQVGVMDMIKFHKYTIGHAWTTDYG.CSDSKQHFEWLIKYSPL 63	17
	β7 <u>αE</u>	
hDPPIV	690 SRAENFKQVEYLLIHGTANDNVHFQQSAQISKALVDVGV 72	27
rDPPIV		28
POP	618 HNVKLPEADDIQYPSMLLLTADHNDRVVPLHSLKFIATLQYIVGRSRKQN 6	67
	αF -S-S- with C649	
hDPPIV	728 .DFQAMWYTDEDAG.IASSTAHQHIYTHMSHFIKQCFSLP 766	
rDPPIV	729R 767	
POP	668 NPLLIHVDTKAG <mark>#</mark> GAGKP <u>TAKVIEEVSDMFAFIARCL</u> NIDWIP 710	

Figure 2

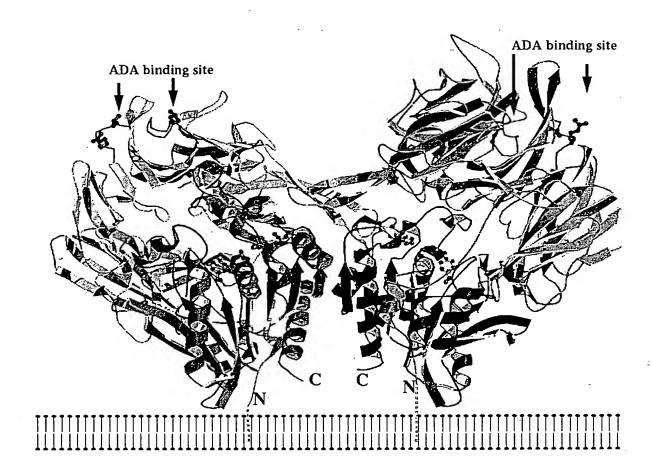


Figure 3 A

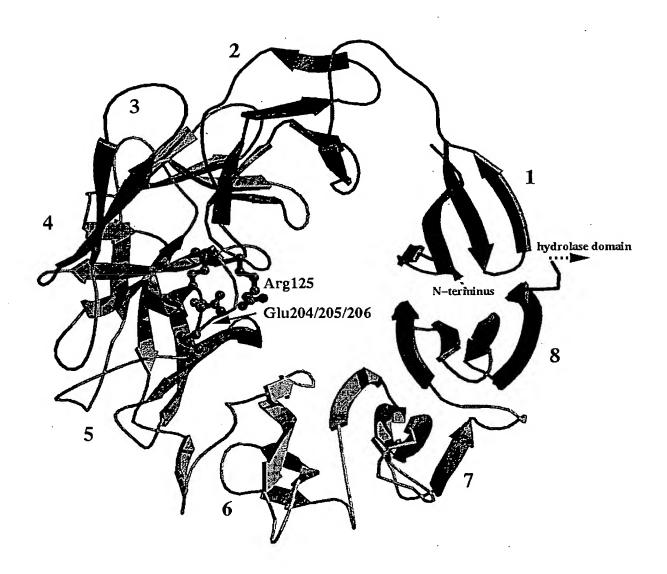


Figure 3B

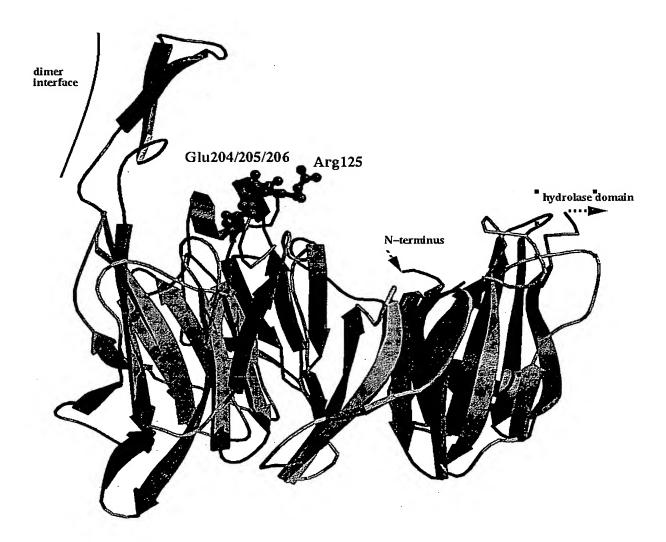


Figure 3C

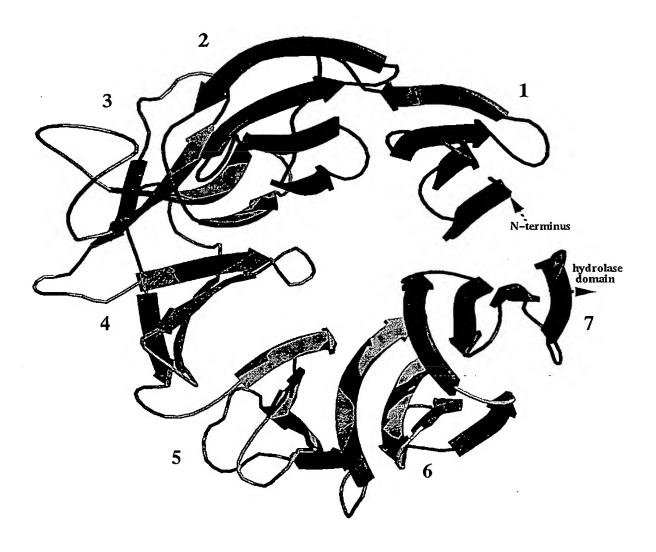


Figure 4

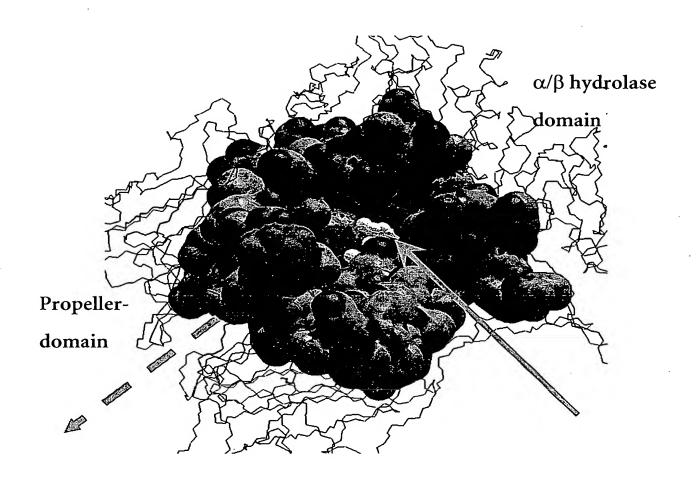


Figure 5

